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Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number				10/083,975	
Filing Date				February 27, 2002	
First Named Inventor				Brent S. Nelson	
Art Unit				3727	
Examiner Name					
Attorney Docket Number				0876-0148	
Sheet	1	of	4		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code ² (if known)	MM-DD-YYYY			
JW		US- 4,182,457 -	01-08-1980	Yamada et al.		
		US- 4,391,863 -	07-05-1983	Bonis		
		US- 4,743,479 -	05-10-1988	Nakamura et al.		
		US- 4,863,046 -	09-05-1989	Collette et al. -		
		US- 4,868,026 -	09-19-1989	Shimizu et al.		
		US- 4,877,141 -	10-31-1989	Hayashi et al.		
		US- 4,927,680 -	05-22-1990	Collette et al.		
		US- 4,990,382 -	02-05-1991	Weissenstein et al.		
		US- 4,936,473 -	06-26-1990	Nahill et al.		
		US- 5,094,921 -	03-10-1992	Itamura et al.		
		US- 5,011,648 -	04-30-1991	Garver et al.		
		US- 5,067,622 -	11-26-1991	Garver et al.		
		US- 5,178,289 -	01-12-1993	Krishnakumar et al.		
		US- 5,248,534 -	09-28-1993	Rosen		
		US- 5,255,889 -	10-26-1993	Collette et al.		
		US- 5,279,433 -	01-18-1994	Krishnakumar et al. -		
	SW		US- 5,303,834 -	04-19-1994	Krishnakumar et al.	
			US- 5,337,909 -	08-16-1994	Vaillencourt -	
		US- 5,341,946 -	08-30-1994	Vaillencourt et al.		
		US- 5,472,105 -	12-05-1995	Krishnakumar et al. -		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Type of Document
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	S. Weinstein	Date Considered	5/17/04
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				Art Unit	3727
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Sheet	2	of	4	Attorney Docket Number	0876-0148

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Examiner Initials*	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code 2 (if known)				
SW		us- 5,474,735	-	12-12-1995	Krishnakumar	11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
		us- 5,491,009	-	02-13-1996	Bekele	
		us- 5,534,351	-	07-09-1996	Pearson et al.	
		us- 5,618,599	-	04-08-1997	Nulman et al.	
		us- 5,622,735	-	04-22-1997	Krishnakumar et al.	
		us- 5,693,283	-	12-02-1997	Fehn	
		us- 5,704,503	-	01-06-1998	Krishnakumar et al. -	
		us- 5,704,504	-	01-06-1998	Bueno	
		us- 5,716,715	-	02-10-1998	Degrassi et al.	
		us- 5,780,130	-	07-14-1998	Hansen et al.	
		us- 5,971,184	-	10-26-1999	Krishnakumar et al. -	
		us- 6,016,932	-	01-25-2000	Gaydosh et al.	
		us- 6,036,037	-	03-14-2000	Scheffer et al. -	
		us- 6,044,996	-	04-04-2000	Carew et al. -	
		us- 6,062,409	-	05-16-2000	Eberle -	
		us- 6,083,450	-	07-04-2000	Safian	
		us- 6,193,827	-	02-27-2001	Parks et al.	
	SW		us- 6,194,043	-	02-27-2001	
		us- 6,203,870	-	03-20-2001	Darr	
		us- 6,218,024	-	04-17-2001	Tamber et al.	

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FOREIGN PATENT DOCUMENTS							
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		Country Code 3 - Number 4 - Kind Code 5 (if known)					

Examiner Signature	S. WEINSTEIN	Date Considered	5/17/04
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>10/083,975</td> </tr> <tr> <td>Filing Date</td> <td>February 27, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Brent S. Nelson</td> </tr> <tr> <td>Art Unit</td> <td>3727</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>0876-0148</td> </tr> </table>		Application Number	10/083,975	Filing Date	February 27, 2002	First Named Inventor	Brent S. Nelson	Art Unit	3727	Examiner Name		Attorney Docket Number	0876-0148
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Attorney Docket Number	0876-0148														
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		Number - Kind Code ² (if known)			
W /		US- 6,223,920	05-01-2001	Lane et al.	— — — — — — — — — — — — — — — —
		US- 6,223,945	05-01-2001	Giblin et al.	
		US- 6,224,956	05-01-2001	Shah	
		US- Re. 34,546	02-15-1994	Deyrup	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	S. Weinstein	Date Considered	5/17/04
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/083,975
		Filing Date	February 27, 2002
		First Named Inventor	Brent S. Nelson
		Group Art Unit	3727
		Examiner Name	
Sheet 4 of 4	Attorney Docket Number	0876-0148	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
FW		"Co-extruded Bottles", <u>Shaping Plastics</u> , pg. 235 NO DATE	CLASS

Examiner Signature	S. WEINSTEIN	Date Considered	5/17/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/083,975
Filing Date	February 27, 2002
First Named Inventor	Nelson
Art Unit	3727
Examiner Name	
Attorney Docket Number	0876-0148

Sheet 1 of 1

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		Number-Kind Code ² (if known)			
SW		US- 6,065,624	05-23-2000	Steinke	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
Signature

S. Weinstein

Date
Considered

5/17/04

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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